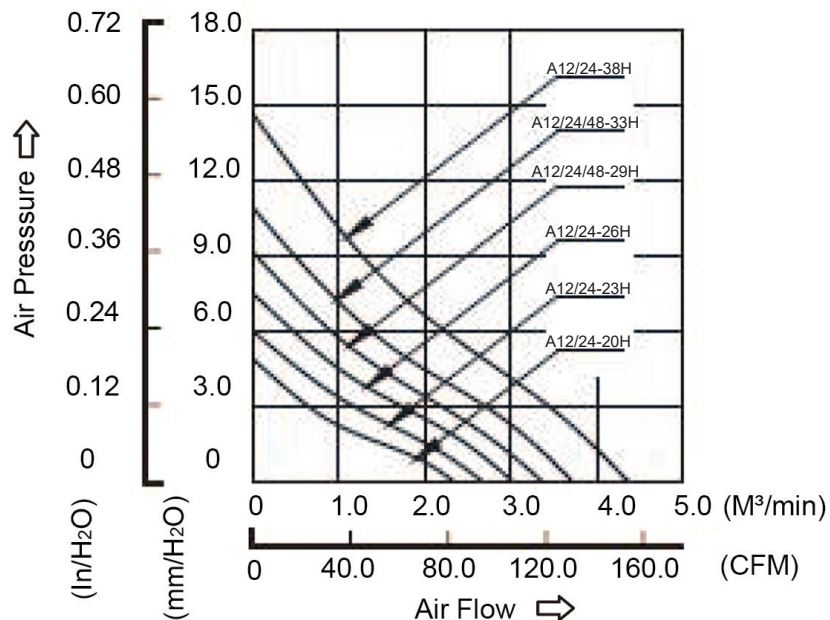


# 120mm-Series Fan



- Material--Frame:Plastics (Flammability:UL94V-0)  
Impeller:Plastics (Flammability:UL94V-0)
- Lead Wire-- +Red -Black  
Optional Function:Brown(Sensor) Yellow(Control)
- Life Time-- 25000 Hours Sleeve bearing  
50000 Hours Ball bearing
- Storage Temperature-- -30°C~+70°C (Non-condensing)
- Bearing Type-- Ball Bearings~Sleeve
- Speed Range-- ±10%

Model No.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.Static Pressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
K-DC12038-A12-20H	12	7.2-13.8	0.20	2.4	2000	2.38	84.72	4.55	0.17	34.5
K-DC12038-A12-23H			0.28	3.36	2350	2.67	94.86	5.94	0.234	39.0
K-DC12038-A12-26H			0.35	4.2	2650	2.98	104.8	7.56	0.296	42.0
K-DC12038-A12-29H			0.48	5.76	2950	3.36	119.7	8.98	0.381	45.5
K-DC12038-A12-33H			0.63	7.56	3300	3.64	128.4	10.58	0.413	49.5
K-DC12038-A12-38H			1.08	12.96	3800	4.28	150.2	14.30	0.568	54.5
K-DC12038-A24-20H	24	14.5~27.5	0.16	3.84	2000	2.38	84.72	4.55	0.17	34.5
K-DC12038-A24-23H			0.21	5.04	2350	2.67	94.86	5.94	0.234	39.0
K-DC12038-A24-26H			0.26	6.24	2650	2.98	104.8	7.56	0.296	42.0
K-DC12038-A24-29H			0.32	7.68	2950	3.36	119.7	8.98	0.381	45.5
K-DC12038-A24-33H			0.40	9.6	3300	3.64	128.4	10.58	0.413	49.5
K-DC12038-A24-38H			0.53	12.72	3800	4.28	150.2	14.30	0.568	54.5
K-DC12038-A24-45H	0.75	18	4500	4.88	170.2	17.10	0.637	58.5		
K-DC12038-A48-29H	48	29.0~55.0	0.16	7.68	2950	3.36	119.7	8.98	0.381	45.5
K-DC12038-A48-33H			0.20	9.6	3300	3.64	128.4	10.58	0.413	49.5

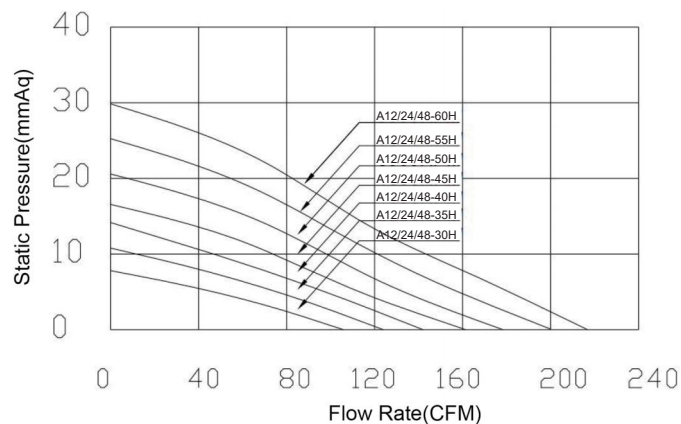


# 120mm-Series Fan



- Material--Frame:Plastics (Flammability:UL94V-0)  
Impeller:Plastics (Flammability:UL94V-0)
- Lead Wire-- +Red -Black  
Optional Function:Brown(Sensor) Yellow(Control)
- Life Time-- 25000 Hours Sleeve bearing  
50000 Hours Ball bearing
- Storage Temperature-- -30°C~+70°C (Non-condensing)
- Bearing Type-- Ball Bearings~Sleeve
- Speed Range-- ±10%

Model No.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.Static Pressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
K-DC12038-A12-30H	12	7.2~13.8	0.4	4.8	3000	3.14	110.99	8.58	0.337	45.7
K-DC12038-A12-35H			0.5	6.0	3500	3.53	124.92	10.8	0.425	49.3
K-DC12038-A12-40H			0.7	8.4	4000	4.05	142.97	13.81	0.543	52.8
K-DC12038-A12-45H			0.9	10.8	4500	4.61	162.93	17.23	0.678	56.6
K-DC12038-A12-50H			1.3	15.6	5000	5.14	181.61	21.11	0.831	59.4
K-DC12038-A12-55H			1.7	20.4	5500	5.69	201.17	25.61	1.008	62.6
K-DC12038-A12-60H			2	24.0	6000	6.6	217.62	29.65	1.67	63.5
K-DC12038-A24-30H	24	14.5~27.5	0.2	4.8	3000	3.14	110.99	8.58	0.337	45.7
K-DC12038-A24-35H			0.25	6.0	3500	3.53	124.92	10.8	0.425	49.3
K-DC12038-A24-40H			0.35	8.4	4000	4.05	142.97	13.81	0.543	52.8
K-DC12038-A24-45H			0.45	10.8	4500	4.61	162.93	17.23	0.678	56.6
K-DC12038-A24-50H			0.65	15.6	5000	5.14	181.61	21.11	0.831	59.4
K-DC12038-A24-55H			0.85	20.4	5500	5.69	201.17	25.61	1.008	62.6
K-DC12038-A24-60H			1	24.0	6000	6.6	217.62	29.65	1.67	63.5
K-DC12038-A48-30H	48	29.0~55.0	0.1	4.8	3000	3.14	110.99	8.58	0.337	45.7
K-DC12038-A48-35H			0.125	6.0	3500	3.53	124.92	10.8	0.425	49.3
K-DC12038-A48-40H			0.175	8.4	4000	4.05	142.97	13.81	0.543	52.8
K-DC12038-A48-45H			0.225	10.8	4500	4.61	162.93	17.23	0.678	56.6
K-DC12038-A48-50H			0.325	15.6	5000	5.14	181.61	21.11	0.831	59.4
K-DC12038-A48-55H			0.425	20.4	5500	5.69	201.17	25.61	1.008	62.6
K-DC12038-A48-60H			0.5	24.0	6000	6.6	217.62	29.65	1.67	63.5

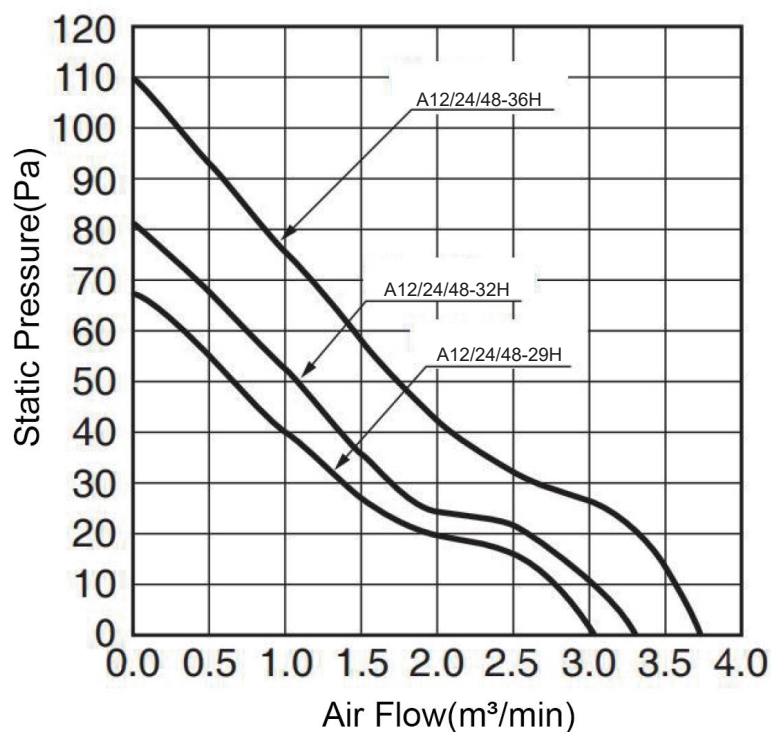


## 120mm-Series Fan



- Material--Frame:Plastics (Flammability:UL94V-0)  
Impeller:Plastics (Flammability:UL94V-0)
- Lead Wire-- +Red -Black  
Optional Function:Brown(Sensor) Yellow(Control)
- Life Time-- 20000 Hours Sleeve bearing  
70000 Hours Ball bearing
- Storage Temperature-- -30°C~+70°C (Non-condensing)
- Bearing Type-- Ball Bearings~Sleeve
- Speed Range--  $\pm 10\%$

Model No.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.Static Pressure		Noise
	VDC	VDC	AMP	Watt		R.P.M	M3/min	CFM	MmH2O	
K-DC12038-A12-29H	12	7.2-13.8	0.55	6.6	2950	3.07	108.4	6.86	0.27	42.5
K-DC12038-A12-32H			0.7	8.4	3200	3.34	117.9	8.38	0.33	46.5
K-DC12038-A12-36H			1.0	12.0	3600	3.68	129.97	11.17	0.44	50.0
K-DC12038-A12-42H			1.3	15.6	4200	4.04	142.5	13.97	0.55	54.5
K-DC12038-A24-29H	24	14.5~27.5	0.275	6.6	2950	3.07	108.4	6.86	0.27	42.5
K-DC12038-A24-32H			0.35	8.4	3200	3.34	117.9	8.38	0.33	46.5
K-DC12038-A24-36H			0.5	12.0	3600	3.68	129.97	11.17	0.44	50.0
K-DC12038-A24-42H			0.65	15.6	4200	4.04	142.5	13.97	0.55	54.5
K-DC12038-A48-29H	48	29.0~55.0	0.14	6.72	2950	3.07	108.4	6.86	0.27	42.5
K-DC12038-A48-32H			0.18	8.64	3200	3.34	117.9	8.38	0.33	46.5
K-DC12038-A48-36H			0.25	12.0	3600	3.68	129.97	11.17	0.44	50.0
K-DC12038-A48-42H			0.33	15.846	4200	4.04	142.5	13.97	0.55	54.5

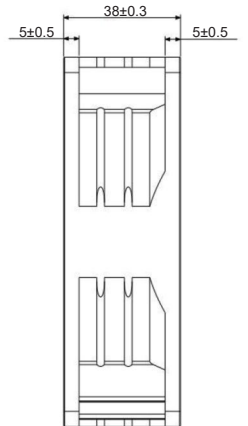
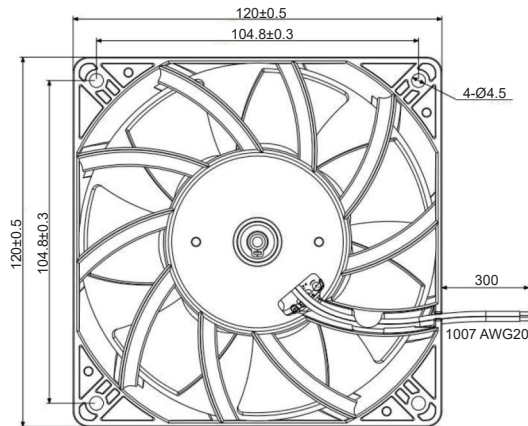
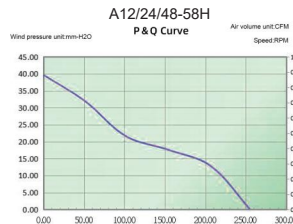
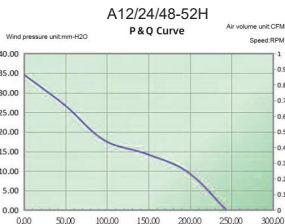
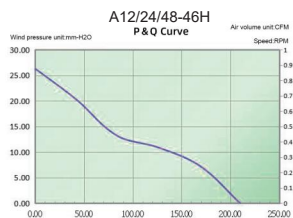
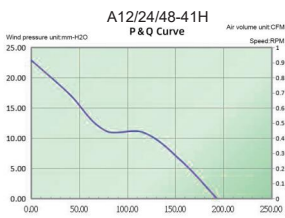


# 120mm-Series Fan



- Material--Frame:Plastics (Flammability:UL94V-0)/Aluminum,Impeller
- Impeller:Plastics (Flammability:UL94V-0)  
Lead Wire-- +Red -Black
- Optional Function:Brown(Sensor) Yellow(Control)  
Life Time-- 20000 Hours Sleeve bearing  
70000 Hours Ball bearing
- Storage Temperature-- -30°C~+70°C (Non-condensing)
- Bearing Type-- Ball Bearings~Sleeve
- Speed Range--  $\pm 10\%$

Model No.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.Static Pressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
K-DC12038-A12-41H	12	7.2-13.8	1.1	13.2	4100	5.394	190.48	22.88	0.901	56.5
K-DC12038-A12-46H			1.9	22.8	4600	6.019	212.57	26.31	1.036	59.5
K-DC12038-A12-52H			2.6	31.2	5200	6.823	240.96	34.56	1.361	63.0
K-DC12038-A12-58H			3.4	40.8	5800	7.26	255.62	39.65	1.561	67.0
K-DC12038-A24-41H	24	14.5~27.5	0.55	13.2	4100	5.394	190.48	22.88	0.901	56.5
K-DC12038-A24-46H			0.95	22.8	4600	6.019	212.57	26.31	1.036	59.5
K-DC12038-A24-52H			1.3	31.2	5200	6.823	240.96	34.56	1.361	63.0
K-DC12038-A24-58H			1.7	40.8	5800	7.26	255.62	39.65	1.561	67.0
K-DC12038-A48-41H	48	29.0~55.0	0.275	13.2	4100	5.394	190.48	22.88	0.901	56.5
K-DC12038-A48-46H			0.475	22.8	4600	6.019	212.57	26.31	1.036	59.5
K-DC12038-A48-52H			0.65	31.2	5200	6.823	240.96	34.56	1.361	63.0
K-DC12038-A48-58H			0.85	40.8	5800	7.26	255.62	39.65	1.561	67.0



## 120mm-Series Fan



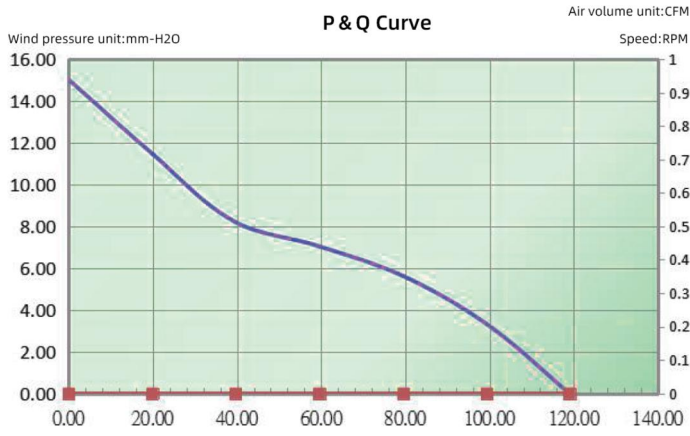
- Material--Frame:Aluminum,Impeller  
Impeller:Plastics (Flammability:UL94V-0)
- Lead Wire-- +Red -Black  
Optional Function:Brown(Sensor) Yellow(Control)
- Life Time-- 70000 Hours Ball bearing
- Storage Temperature-- -30°C~+70°C (Non-comdensing)
- Bearing Type-- Ball Bearings~Sleeve
- Speed Range--  $\pm 10\%$

Model No.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.Static Pressure		Noise
	VDC	VDC	AMP	Watt		R.P.M	M3/min	CFM	MmH2O	
K-DC12038-A12-40H	12	7.2-13.2	0.5	6.1	4000	3.38	118.96	15.03	0.592	52.5
K-DC12038-A12-50H			0.9	10.8	5000	4.05	142.53	23.03	0.91	56.5
K-DC12038-A12-60H			1.5	18.2	6000	4.84	170.54	32.02	1.26	60.5
K-DC12038-A12-70H			3.4	40.8	7000	5.94	209.1	42.83	1.68	64.5
K-DC12038-A12-76H			4.2	50.4	7600	6.44	226.89	51.11	2.01	68.5
K-DC12038-A24-40H	24	14.5~27.5	0.25	6.1	4000	3.38	118.96	15.03	0.592	52.5
K-DC12038-A24-50H			0.45	10.8	5000	4.05	142.53	23.03	0.91	56.5
K-DC12038-A24-60H			0.75	18.2	6000	4.84	170.54	32.02	1.26	60.5
K-DC12038-A24-70H			1.7	40.8	7000	5.94	209.1	42.83	1.68	64.5
K-DC12038-A24-76H			2.1	50.4	7600	6.44	226.89	51.11	2.01	68.5
K-DC12038-A48-40H	48	29.0~55.0	0.125	6.0	4000	3.38	118.96	15.03	0.592	52.5
K-DC12038-A48-50H			0.225	10.8	5000	4.05	142.53	23.03	0.91	56.5
K-DC12038-A48-60H			0.38	18.2	6000	4.84	170.54	32.02	1.26	60.5
K-DC12038-A48-70H			0.85	40.8	7000	5.94	209.1	42.83	1.68	64.5
K-DC12038-A48-76H			1.05	50.4	7600	6.44	226.89	51.11	2.01	68.5

# 120mm-Series Fan

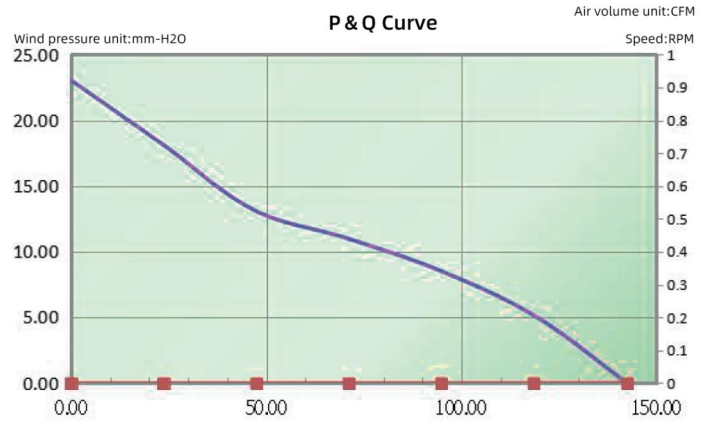
A12/24/48-40H

P & Q Curve



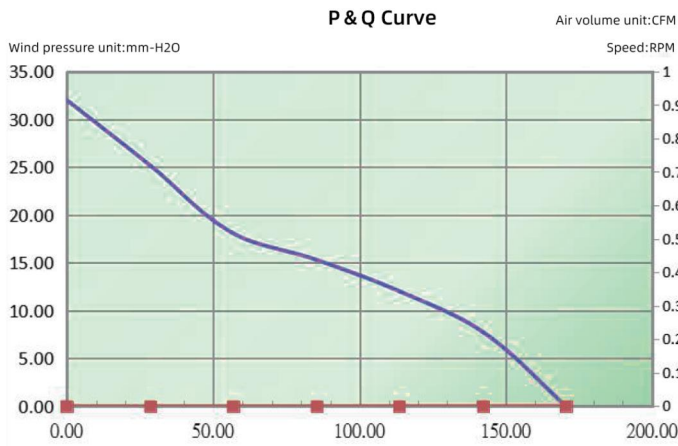
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P & Q Curve



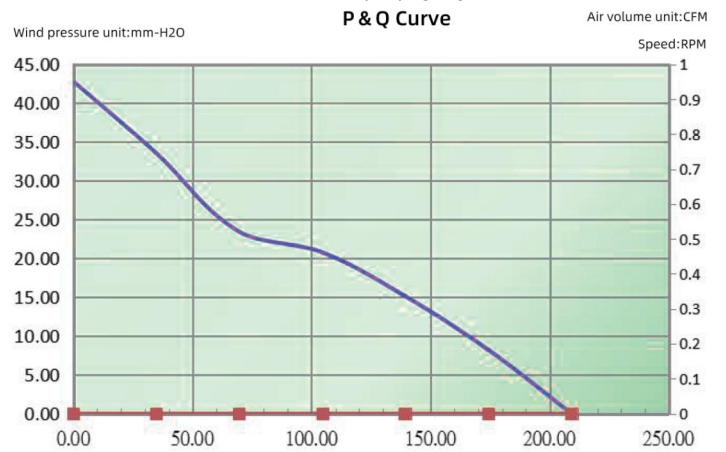
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P & Q Curve



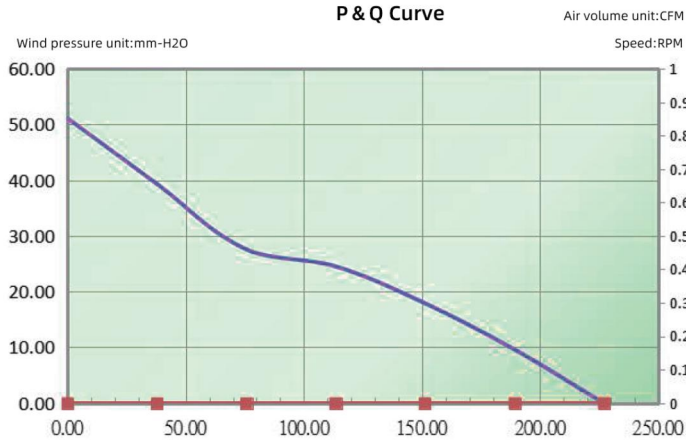
A12/24/48-70H

P & Q Curve



A12/24/48-76H

P & Q Curve

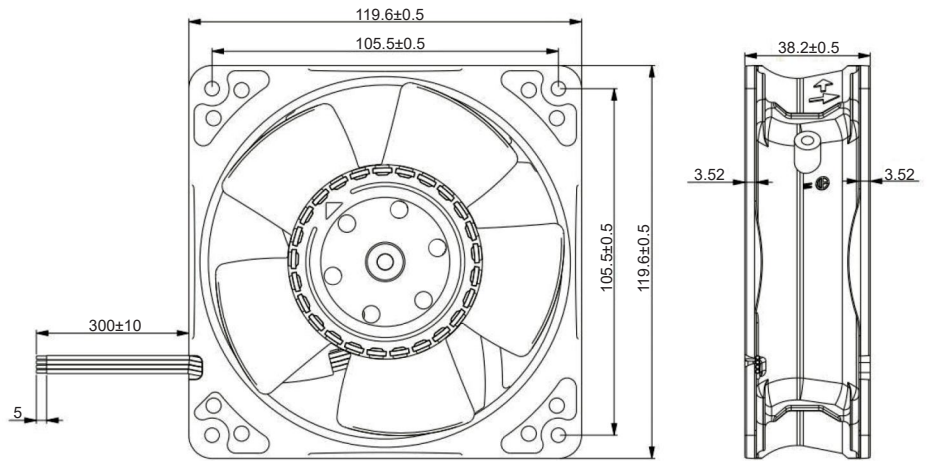
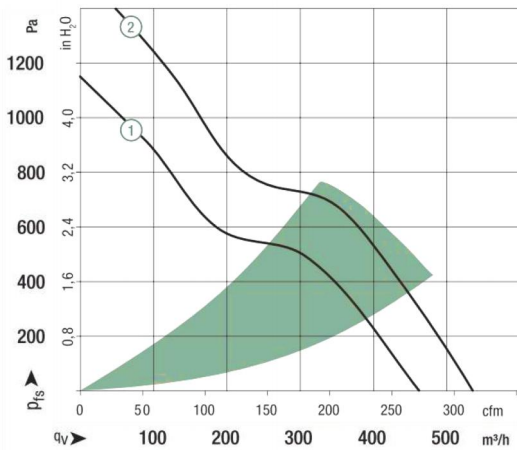


# 120mm-Series Fan



- Material--Frame:Plastics (Flammability:UL94V-0)/Aluminum,Impeller
- Impeller:Plastics (Flammability:UL94V-0)
- Lead Wire-- +Red -Black
- Optional Function:Brown(Sensor) Yellow(Control)
- Life Time-- 70000 Hours Ball bearing
- Storage Temperature-- -30°C~+70°C (Non-condensing)
- Bearing Type-- Ball Bearings~Sleeve
- Speed Range--  $\pm 10\%$

Model No.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.Static Pressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
K-DC12038-A12-95H	12	7.2-13.2	7.4	88.8	9500	7.78	274	116.8	4.6	78
K-DC12038-A24-95H	24	14.5~27.5	3.7	88.8	9500	7.78	274	116.8	4.6	78
K-DC12038-A24-110H			5.0	120.0	11000	8.95	315	142.24	5.6	80
K-DC12038-A48-95H	48	36.0~55.0	1.85	88.8	9500	7.78	274	116.8	4.6	78
K-DC12038-A48-110H			2.5	120.0	11000	8.95	315	142.24	5.6	80



# 120mm-Series Fan



- Material--Frame:Plastics (Flammability:UL94V-0)/Aluminum,Impeller
- Impeller:Plastics (Flammability:UL94V-0)
- Lead Wire-- +Red -Black
- Optional Function:Brown(Sensor) Yellow(Control)
- Life Time-- 40000 Hours Ball bearing
- Storage Temperature-- -30°C~+70°C (Non-condensing)
- Bearing Type-- Ball Bearings~Sleeve
- Speed Range-- ±10%

Model No.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.Static Pressure		Noise
	VDC	VDC	AMP	Watt		R.P.M	M3/min	CFM	MmH2O	
K-DC12038-A12-96H	12	7.2-13.8	4.0	48	9600	7.0	247.0	97.0	3.82	70.5
K-DC12038-A12-115H			6.5	78	11500	8.3	293.0	132.6	5.22	75.0
K-DC12038-A24-96H	24	14.5~27.5	2.0	48	9600	7.0	247.0	97.0	3.82	70.5
K-DC12038-A24-115H			3.25	78	11500	8.3	293.0	132.6	5.22	75.0
K-DC12038-A48-96H	48	29.0~55.0	1.0	48	9600	7.0	247.0	97.0	3.82	70.5
K-DC12038-A48-115H			1.63	78	11500	8.3	293.0	132.6	5.22	75.0

